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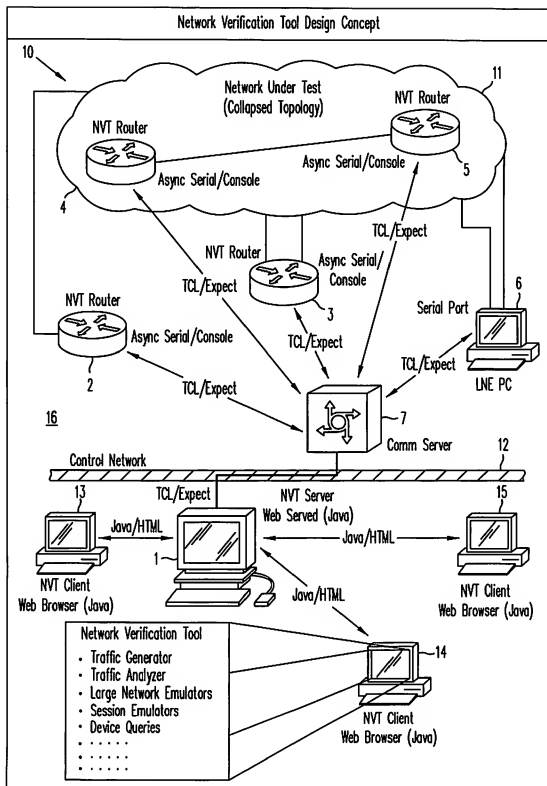


FIG. 1

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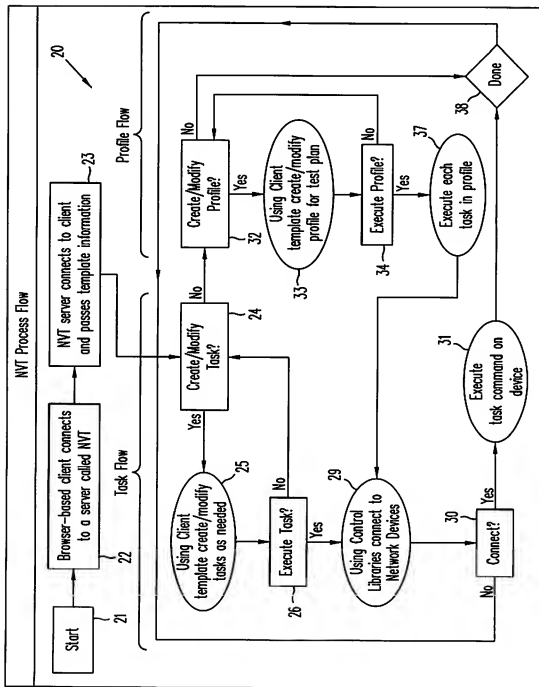


FIG. 2

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50 →

Traffic Generator

Task Settings

Task Name 57

Task Description 58

Device and Interface 59

FIG. 3A

FIG. 3B

Key To
FIG. 3

Traffic Stream Type

Protocol 60

Media-Encap 61

Traffic Stream Settings

☒ Traffic Stream Status 63

Rate (pps) 64

Length (bytes) to by 65

☐ Burst Donation

Low Range ON High Range ON

Low Range OFF High Range OFF

Ethernet-ARPA header

Destination to by

Source to by

Protocol to by

FIG. 3A

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IP header

Version	4	Constant ▾	to	0	by	0
Hdr-Length	auto	Constant ▾	to	0	by	0
TOS	0x00	Constant ▾	to	00	by	00
Length	auto	Constant ▾	to	0	by	0
ID	0xABCD	Constant ▾	to	0000	by	0000
Fragmentation	0x0000	Constant ▾	to	0000	by	0000
TTL	60	Constant ▾	to	0	by	0
Protocol	0	Constant ▾	to	0	by	0
Checksum	auto	Constant ▾	to	0000	by	0000
Source	171.120.22.50	Constant ▾	to	0.0.0.0	by	0.0.0.0
Destination	170.123.11.50	Constant ▾	to	0.0.0.0	by	0.0.0.0
Option Length		Constant ▾	to	0	by	0

Data

Length	0		Increment by	0x0f
Fill Pattern	0x00			

FIG. 3B

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FIG. 4

100

Traffic Analyzer

Task Settings

Task Name

Task Description

Device and Interface

104

Capture Buffer Settings

Name

Size

Type

105

Packet Filter Settings

☒ Active

Mode

Direction

Protocol

Length

Packet Size

Limit

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200 →

Session Emulator

201

Task Settings

Task Name 209

Task Description 210

Traffic Settings

202

☐ Traffic Stream Status

Length (bytes) auto Constant 211 to 0 by 0

☐ Burst Duration 203

Low Range ON 600 High Range ON 1200

Low Range OFF 300 High Range OFF 600

☐ Send Mode Values 204

Interval 1000 215

Window Size 1 216

Send Mode Delay 213

Fill Pattern Default 214

Rate 1 217

Delay 25 218

Primary Station Settings

206

Device and Control Interface R5-Portant-ed: Ethernet1 219

Test Interfaces 220

☐ Token Ring Explorer ~ 221

Secondary Station Settings

207

Device and Control Interface R5-Portant-ed: Ethernet1 222

Test Interfaces 223

☐ Token Ring Explorer ~ 224

Detailed Error Log

208

☐ Data Errors ~ 225

☐ Missing Packet Errors ~ 226

☐ Out-of-Sequence Errors ~ 227

FIG. 5A

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300 →

LLC2 Session Emulator

Task Settings

Task Name 303

Task Description 304

Traffic Settings

☐ Traffic Stream Status 305

Data Length 50 306

Inter-Packet Delay 10 307

Primary Station Settings

Device and Interface RS-Pagant-e0: Ethernet1 310

Dest Mac Address 0000.0000.0000 311

Dest SAP Value 00 312

Source SAP Value 00 313

Secondary Station Settings

Device and Interface RS-Pagant-e0: Ethernet1 314

Local SAP Value 00 315

FIG. 5B

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320 →

SDLC Session Emulator

Task Settings

Task Name 303

Task Description 304

301

Traffic Settings

☐ Traffic Stream Status 305

Data Length 50 306

Inter-Packet Delay 10 307

302

Primary Station Settings

Device and Interface RS-Potent-e0: Ethernet1 310

SDLC Address 00 318

316

Secondary Station Settings

Device and Interface RS-Potent-e0: Ethernet1 314

SDLC Address 00 319

317

FIG. 5C

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400 →

BCP Large Network Emulator

Task Settings

Task Name 402

Task Description 403

Device Page1B-console 404

401

Traffic Settings

☐ Traffic Stream Status 405

☐ Flap Duration 407

Low Range ON 600 High Range ON 1200 408

Low Range OFF 300 High Range OFF 600

405

IP Addresses

Source 0.0.0.0 410

Destination 0.0.0.0 411

409

BCP Settings

Networks to Advertise 5 413

Local AS 100 414

Remote AS 101 415

Network Start Address 0.0.0.0 416

Network Subnet Mask 0.0.0.0 417

Low Path Length 2 418 High Path Length 7 419

412

FIG. 6A

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420

EIG, Large Network Emulator

Task Settings

401 Task Name 402

Task Description 403

Device 404

Traffic Stream Settings

☐ Traffic Stream Status 406

☐ Flap Duration 407

Low Range ON 408

High Range ON

Low Range OFF

High Range OFF

IP-EIGRP Settings

421 Source 423

Local AS 424

Networks to Advertise 425

EIGRP Network Settings

Addresses Per TLV 426

Network Start Address 427

Network Subnet Mask 428

Low Hop Count 429

High Hop Count 435

Low Delay Per Hop 430

High Delay Per Hop 436

Low Bandwidth 431

High Bandwidth 437

Low MTU 432

High MTU 438

Low Reliability 433

High Reliability 439

Low Load 434

High Load 440

Exterior EIGRP Settings

441 Router ID 442

Remote AS 443

Admin Tag 444

External Protocol 445

External Protocol Metric 446

Flag Value 447

FIG. 6B

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450 →

IP-RIP Large Network Emulator

Task Settings

Task Name 402

Task Description 403

Device PagerIB-console 404

Traffic Stream Settings

☐ Traffic Stream Status 406

☐ Flow Duration 407

Low Range ON 600

Low Range OFF 300

High Range ON 1200

High Range OFF 600

408

IP Settings

Source 0.0.0.0 463

IP-RIP Settings

Send Interval 30 454

Networks to Advertise 100 455

Network Start 0.0.0.0 456

Network Subnet Mask 0.0.0.0 457

Low Hop Count 2 458

High Hop Count 7 459

FIG. 6C

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460 →

IPX-RIP Large Network Emulator

Task Settings

Task Name 402

Task Description 403

Device ▾ 404

Traffic Stream Settings

☐ Traffic Stream Status 405

☐ Flap Duration 407

Low Range ON High Range ON 408

Low Range OFF High Range OFF

IPX Settings

Send Interval 462

Networks to Advertise 463

Encapsulation ▾ 464

Network 465

IPX-RIP Settings

Network Start 467

Low Hop Count 468 High Hop Count 469

Low Cost Per Hop 470 High Cost Per Hop 471

FIG. 6D

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OSPF Large Network Emulator

Task Settings

Task Name 402

Task Description 403

Device 404

Traffic Settings

☐ Traffic Stream Status 406

☐ Flap Duration 407

Low Range ON 408

High Range ON 408

Low Range OFF 405

High Range OFF 405

IP Settings

Source 477

OSPF Settings

Router ID 479

Area 480

Network 481

Stub Networks 482

Clusters 483

Rows Per Cluster 484

Columns Per Cluster 485

☐ Summary Links 486

Number of Links 487

Router Index 488

Network Start 489

Subnet Mask 490

☐ External Links 491

Number of Links 492

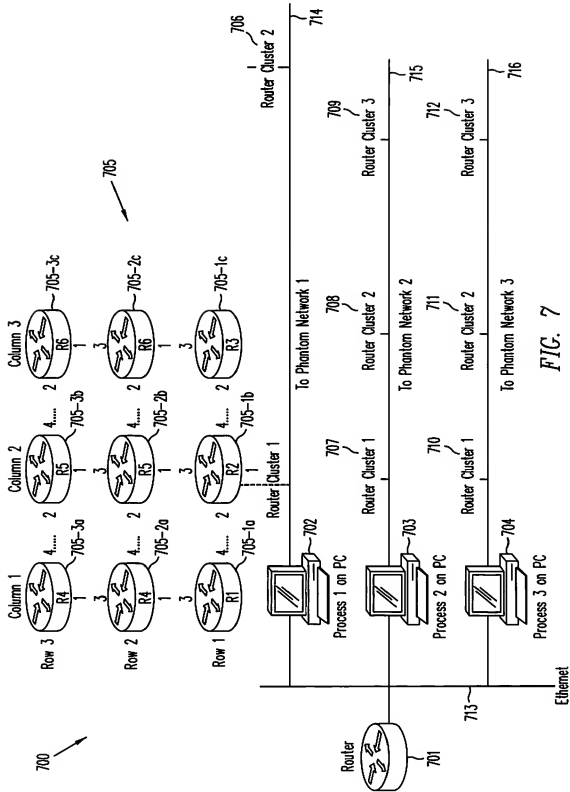
Router Index 493

Network Start 494

Subnet Mask 495

FIG. 6E

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800

Task Settings

801

Task Name 803

Task Description 804

Device R6-7507 805

Query Settings

802

Times to Query 1 806

Delay between Queries 1 807

☐ Save results to 808

Filename filename.dat 809

FIG. 8A

Status Information

Neighbors ~811	Summary ~820
CIDR ~812	Inconsistent AS ~821
Path ~813	Dampened Paths ~822
Peer Groups ~814	Flap Statistics ~823

<input type="checkbox"/> Network ~815	0.0.0.0 824
<input type="checkbox"/> Community Number ~816	0 825
<input type="checkbox"/> Community List ~817	0 826
<input type="checkbox"/> Filter List ~818	0 827
<input type="checkbox"/> Regular Expression ~819	0 828

FIG. 8B

810

Status Information

Neighbors ~830	Interface ~832
Traffic ~831	Topology ~833

FIG. 8C

829

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Status Information	
Border Routers ~ 835	Database ~ 838
Interface ~ 836	Neighbors ~ 839
Summary Address ~ 837	Virtual Links ~ 840 <u>834</u>
<input type="checkbox"/> Request List ~ 850 <div style="float: right;">851</div>	
Neighbor Router ID <input type="text" value="1.1.1.1"/>	Interface <input type="text" value=""/>
<input type="checkbox"/> Retransmission List ~ 853 <div style="float: right;">854</div>	
Neighbor Router ID <input type="text" value="1.1.1.1"/>	Interface <input type="text" value=""/>
<div style="float: right;">852</div> <div style="float: right;">855</div>	

FIG. 8D

Traffic Information	
Activity Level ~ 857	Counters ~ 859 <u>856</u>
Send Parameters ~ 858	Burst Parameters ~ 860

Status Information	
Primary ~ 862	Secondary ~ 865
Active Protocols ~ 863	Interface Status ~ 866 <u>861</u>
IP ~ 864	MAC ~ 867

FIG. 8E

Traffic Information	
<input type="checkbox"/> Activity Level ~ 869	<u>868</u>

FIG. 8F

Status Information	
Capture Summary ~ 871	Interface Summary ~ 880
IP Address ~ 872	MAC Address ~ 881
Capture Counts ~ 873	Fast Counts ~ 882 <u>870</u>
Buffer Status ~ 874	Filter Status ~ 883
<input type="checkbox"/> Network ~ 875	<input type="text" value="0.0.0.0"/> ~ 884
<input type="checkbox"/> Community Number ~ 876	<input type="text" value="0"/> ~ 885
<input type="checkbox"/> Community List ~ 877	<input type="text" value="0"/> ~ 886
<input type="checkbox"/> Filter List ~ 878	<input type="text" value="0"/> ~ 887
<input type="checkbox"/> Regular Expression ~ 879	<input type="text" value="0"/> ~ 888

FIG. 8G

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900

Script

Task Settings

Task Name 902

Task Description 903

Script Editor

904

FIG. 9

910

☐ NVT - Profile

Profile Settings

Profile Name: 912

Profile Description: 913

Profile Info

Profile Contents 916

☐ Profile

☒ Task

igmp

915

Add

Remove

914

New View Save Close

FIG. 10